

# Comparisons of Job Characteristics

**Focus Occupation:** [Commercial Divers \(49-9092\)](#)

**Associated Occupation:** [Welders, Cutters, Solderers, and Brazers \(51-4121\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

**Focus Occupation:** Commercial Divers (49-9092)

**Associated Occupation:** Welders, Cutters, Solderers, and Brazers (51-4121)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	9.5	18.8	>> Current knowledge level is likely more than sufficient
Engineering and Technology	5.7	6.4	13.9	>> Current knowledge level is likely more than sufficient
Design	5.2	6.0	12.0	>> Current knowledge level is likely more than sufficient
Building and Construction	4.0	4.9	18.6	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 92

**Focus Occupation:** Commercial Divers (49-9092)

**Associated Occupation:** Welders, Cutters, Solderers, and Brazers (51-4121)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Quality Control Analysis	5.9	7.4	10.6	>> Skill level is likely more than sufficient
Troubleshooting	4.5	6.2	8.7	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	5.9	9.1	>> Skill level is likely more than sufficient
Repairing	3.4	5.9	9.2	>> Skill level is likely more than sufficient
Equipment Selection	3.3	5.4	7.9	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 86

**Focus Occupation: Commercial Divers (49-9092)**

**Associated Occupation: Welders, Cutters, Solderers, and Brazers (51-4121)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	11.4	12.3	0	Current ability level may be sufficient
Near Vision	11.1	11.2	12.2	0	Current ability level may be sufficient
Manual Dexterity	6.5	10.3	11.4	>	Current ability level is likely sufficient
Finger Dexterity	7.6	9.7	11.2	>	Current ability level is likely sufficient
Oral Expression	12.4	9.7	14.1	>>	Current ability level is likely more than sufficient
Oral Comprehension	12.5	9.6	14.1	>>	Current ability level is likely more than sufficient
Control Precision	6.6	9.5	11.2	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 75

**Focus Occupation: Commercial Divers (49-9092)**

**Associated Occupation: Welders, Cutters, Solderers, and Brazers (51-4121)**

Work Activities	Exclusivity of Activity
Burn (cut), trim, or scarf metal objects	80
Fabricate, assemble, or disassemble manufactured products by hand	11
Identify base metals for welding	68
Identify properties of metals for repair or fabrication activities	71
Maintain welding machines or equipment	70
Move or fit heavy objects	8
Perform safety inspections in industrial, manufacturing or repair setting	32
Read blueprints	10
Read specifications	23
Read work order, instructions, formulas, or processing charts	9
Signal directions or warnings to coworkers	42
Use acetylene welding/cutting torch	54
Use arc welding equipment	62
Use combination welding procedures	68
Use hand or power tools	2
Weld together metal parts, components, or structures	54

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Commercial Divers (49-9092)**

**Associated Occupation: Welders, Cutters, Solderers, and Brazers (51-4121)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.